

In the Claims

1(Presently Amended).A crane hoist apparatus for use in moving items within, into, out of, and adjacent to an interior of a containerized cargo enclosure with a minimal loss of interior enclosure volume from the crane, comprising:

B₁ (a) a first frame having a plurality of beams that each include a lengthwise span, a width, and a depth, said first frame is supported by the containerized cargo enclosure;

(b) a second frame having a beam with a lengthwise span, a width, and a depth, said second frame is slidably supported by said first frame in an approximately transverse span orientation such that said second ~~frame~~ beam depth does not extend below said first frame depth, said second frame is able to move in a direction parallel to said first frame span; and

(c) a winch carriage that is slidably supported by said second frame beam such that said winch carriage does not extend beyond said second frame beam depth, said winch carriage being able to move in a direction parallel to said second frame beam span, wherein said second frame beam is a single beam and further including a cable attached to said winch carriage for lifting an item.

2(Previously Amended). A crane hoist apparatus according to claim 1 wherein said first frame is attached to the interior of the containerized cargo container with a slidable support that allows said first frame to movably extend parallel to said first frame spans between a first retracted position in which said first frame is accommodated entirely within the interior of the containerized cargo enclosure to a second extended position in which said first frame extends to an exterior of the containerized cargo enclosure from the interior of the containerized cargo enclosure.

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3(Previously Amended). A crane hoist apparatus according to claim 2 further including a first plurality of rollers for providing said slidable support of said first frame in the interior of the containerized cargo enclosure.

4(Presently Amended). A crane hoist apparatus according to claim 1 wherein said second frame includes a ~~second~~ plurality of rollers for slidably supporting said second frame by said first frame.

5(Original). A crane hoist apparatus according to claim 4 wherein said second plurality of rollers includes a plurality of second large rollers having a rotational axis parallel to said first frame beam width and a plurality of second small rollers having a rotational axis parallel to said first frame beam depth.

6(Presently Amended). A crane hoist apparatus according to claim 1 wherein said winch carriage includes a ~~third~~ plurality of rollers for said winch carriage to be slidably supported by said second frame.

B 7(Presently Amended).A crane hoist apparatus according to claim 6 wherein said ~~third~~ plurality of rollers includes a plurality of ~~third~~ large rollers having a rotational axis parallel to said second frame beam width and a plurality of ~~third~~ small rollers having a rotational axis parallel to said second frame beam depth.

8(Presently Amended).A crane hoist apparatus for use in moving items within, into, out of, and adjacent to an interior of a containerized cargo enclosure with a minimal loss of interior enclosure volume from the crane, comprising:

B | (a) a first frame having a plurality of beams that are each constructed of an angle beam that includes a horizontal extension, a vertical extension and a lengthwise span, said first frame is supported by the containerized cargo enclosure;

(b) a second frame having a beam that is constructed of an angle beam that includes a horizontal extension, a vertical extension and a lengthwise span, said second frame is slidably supported by said first frame in an approximately transverse span orientation such that said second frame does not extend below said beam first frame vertical extension of said first frame, said second frame is able to move in a direction parallel to said first frame span; and

(c) a winch carriage that is slidably supported by said second frame angle beam such that said winch does not extend beyond said second frame angle beam vertical extension, said winch being able to move in a direction parallel to said second frame angle beam span wherein said second frame angle beam is a single beam and said winch carriage has a cable attached for lifting an item.

9(Previously Amended). A crane hoist apparatus according to claim 8 wherein said first frame is attached to the interior of the containerized cargo container with a slidable support that allows said first frame to movably extend parallel to said first frame spans between a first retracted position in which said first frame is accommodated entirely within the interior of the containerized cargo enclosure to a second extended position in which said first frame extends to an exterior of the containerized cargo enclosure from the interior of the containerized cargo enclosure.

B 10(A Previously Amended A crane hoist apparatus according to claim 9 further including a first plurality of rollers for supporting said first frame in the interior of the containerized cargo enclosure.

11(Presently Amended). A crane hoist apparatus according to claim 8 wherein said second frame includes a ~~second~~ plurality of rollers for said second frame to be slidably supported by said first frame.

12(Presently Amended). A crane hoist apparatus according to claim 11 wherein said ~~second~~ plurality of rollers includes a plurality of second large rollers that are in rolling engagement with said first frame horizontal extension and a plurality of ~~second~~ small rollers that are in rolling engagement with said first frame vertical extension.

13(Presently Amended). A crane hoist apparatus according to claim 8 wherein said winch carriage includes a ~~third~~ plurality of rollers for said winch carriage to be slidably supported by said second frame.

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14(Presently Amended). A crane hoist apparatus according to claim 13 wherein said ~~third~~ plurality of rollers for said winch carriage includes a plurality of ~~third~~ large rollers that are in rolling engagement with said second frame horizontal extension and a plurality of ~~third~~ small rollers that are in rolling engagement with said second frame vertical extension.

Rule 12b/18
Rule 15(New). A crane for a container, comprising:

a single "L" beam mounted to a frame;
a winch carriage mounted on the "L" beam; and
a cable having a first end attached to the winch and extending over an edge of the "L" beam and wrapping the cable under the "L" and attaching to the winch carriage.

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16(New). The crane of claim 15, wherein the single "L" beam is part of a second frame that slides on a first frame, wherein the first frame, the second frame and the winch carriage are all in the same plane.

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17(New). The crane of claim 15, wherein a location of attaching the cable to the winch carriage is selected to essentially eliminate any torque on the winch carriage when lifting a load.

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18(New). The crane of claim 15, wherein the winch carriage is mounted on a horizontal extension of the "L" beam and a roller on the winch carriage runs along a vertical extension of the "L" beam.
